8/5/83
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American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *JULY* 29, 1983 **NO.** 30

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 07/29/83	Last Week Ending: 07/22/83	Last Year Week Ending: 07/30/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,755	12,676	12,764	+ 79	- 9
Operable capacity	16,294	16,294	17,382	0	- 1,088
Percent operated	78.3	77.8	73.4		
Motor Gasoline					
Total motor gasoline production	6,685	6,862	6,902	- 177	- 217
Finished leaded motor gasoline production	3,027	3,054	*N/A*	- 27	*N/A*
Finished unleaded motor gasoline production	3,658	3,808	*N/A*	- 150	*N/A*
Total motor gasoline stocks	226,810	223,193	226,613	+ 3,617	+ 197
Finished leaded motor gasoline stocks	98,614	97,239	*N/A*	+ 1,375	*N/A*
Finished unleaded motor gasoline stocks	89,950	87,604	92,221	+ 2,346	- 2,271
Distillate Fuel Oil					
Distillate fuel oil production	2,631	2,498	2,690	+ 133	- 59
Distillate fuel oil stocks	128,464	124,896	145,635	+ 3,568	- 17,171
Residual Fuel Oil					
Residual fuel oil production	780	830	1,054	- 50	- 274
Residual fuel oil stocks	48,581	49,262	56,250	- 681	- 7,669
Imports					
Crude oil imports	4,150	3,903	3,859	+ 247	+ 291
Product imports	1,639	1,611	1,461	+ 28	+ 178
Crude Oil Stocks					
Crude oil stocks	347,918	345,239	345,604	+ 2,679	+ 2,314

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,085	1,028	1,072	1,229	87.2
Appal. No. 1	79	80	80	177	45.2
DISTRICT 1 TOTAL	1,164	1,108	1,152	1,406	81.9
Appal. No. 2	66	63	66	66	100.0
Ind., Ill., Ky.	2,012●	1,855	1,915	2,345	81.7
Minn., Wis., Daks.	295	285	293	296	99.0
Okla., Kans., Mo.	714	674	698	827	84.4
DISTRICT 2 TOTAL	3,087●	2,877	2,972	3,534	84.1
Inland Texas	543	499	522	585	89.2
Texas Gulf Coast	3,404	3,164	3,251	3,907	83.2
La. Gulf Coast	1,967	1,769	1,796	2,875	62.5
N. La. and Ark.	188	168	177	286	61.9
New Mexico	104	85	86	105	81.9
DISTRICT 3 TOTAL	6,206	5,685	5,832	7,758	75.2
DISTRICT 4 TOTAL	416	451	458	536	85.4
DISTRICT 5 TOTAL	2,344	2,331	2,341	3,060	76.5
TOTAL U.S.	13,217	12,452	12,755	16,294	78.3
TOTAL U.S. Weeks Ended:					
JUL. 22, 1983	13,219●	12,369	12,676	16,294	77.8
JUL. 30, 1982	13,756	12,389	12,764	17,382	73.4
DISTRICTS 1–4 Weeks Ended:					
JUL. 29, 1983	10,873	10,121	10,414	13,234	78.7
JUL. 22, 1983	10,848●	10,033	10,301	13,234	77.8
JUL. 30, 1982	11,502	10,353	10,666	14,290	74.6

● *SEE REVISIONS ON PAGE 7.*

API WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 29, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	510	184	326	18	35	238	98
Appal. No. 1	29	9	20	1	--	22	3
DISTRICT 1 TOTAL	539	193	346	19	35	260	101
Appal. No. 2	37	21	16	1	2	16	2
Ind., Ill., Ky.	1,152	541	611	8	70	361	40
Minn., Wis., Daks.	160	100	60	2	11	66	7
Okla., Kans., Mo.	498	286	212	10	5	167	7
DISTRICT 2 TOTAL	1,847	948	899	21	88	610	56
Inland Texas	288	137	151	24	21	128	14
Texas Gulf Coast	1,545	628	917	28	168	696●	212
La. Gulf Coast	992	421	571	29	172	344	58
N. La. and Ark.	58	22	36	7	--	45	9
New Mexico	40	21	19	15	3	26	15
DISTRICT 3 TOTAL	2,923	1,229	1,694	103	364	1,239●	308
DISTRICT 4 TOTAL	248	152	96	11	17	130	10
DISTRICT 5 TOTAL	1,128	505	623	38	235	392	305
TOTAL U.S.	6,685	3,027	3,658	192	739	2,631	780
TOTAL U.S. Weeks Ended:							
JUL. 22, 1983	6,862	3,054	3,808	263	848	2,498●	830
JUL. 30, 1982	6,902	*N/A*	*N/A*	219	841	2,690	1,054
DISTRICTS 1-4 Weeks Ended:							
JUL. 29, 1983	5,557	2,522	3,035	154	504	2,239	475
JUL. 22, 1983	5,852	2,598	3,254	215	605	2,086●	567
JUL. 30, 1982	5,865	*N/A*	*N/A*	159	594	2,343	709

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 29, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,265	2,932	2,332	1	102	946	8,680	1,967	--
Central Atlantic	29,028	12,371	12,399	4,258	340	4,702	26,497●	17,853●	12,638
Lower Atlantic	28,925	15,002	13,638	285	152	3,676	13,682	3,827	599
DISTRICT 1 TOTAL	63,218	30,305	28,369	4,544	594	9,524	48,859●	23,647●	13,237
DISTRICT 2 TOTAL	63,541	30,646	25,375	7,520	1,811	7,612	32,095	3,837	17,522
DISTRICT 3 TOTAL	64,290●	24,320	23,169	16,801●	2,827	9,446	32,665	12,193	48,095
DISTRICT 4 TOTAL	6,701	3,405	1,777	1,519	330	680	3,120	528	2,453
DISTRICT 5 TOTAL	29,060	9,938	11,260	7,862	1,640	6,598	11,725	8,376	30,382
TOTAL U.S.	226,810	98,614	89,950	38,246	7,202	33,860	128,464	48,581	111,689
TOTAL U.S.									
Weeks Ended:									
JUL. 22, 1983	223,193●	97,239	87,604	38,350●	6,989	35,065	124,896●	49,262●	105,916
JUL. 30, 1982	226,613	*N/A*	92,221	*N/A*	6,006	35,625	145,635	56,250	118,316
DISTRICTS 1-4									
Weeks Ended:									
JUL. 29, 1983	197,750	88,676	78,690	30,384	5,562	27,262	116,739	40,205	81,307
JUL. 22, 1983	195,204●	87,484	77,205	30,515●	5,258	28,389	113,458●	41,051●	80,447
JUL. 30, 1982	199,961	*N/A*	82,269	*N/A*	4,533	29,260	135,167	47,097	93,543

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.
NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 29, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy *MAR* 1983	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
JUL. 29, 1983	5,885.9	5,794.0	3,811	278	261,234
JUL. 22, 1983	5,885.9	--	3,459	342	264,323
JUL. 15, 1983	5,885.9	--	3,007	230	263,223
JUL. 8, 1983	5,885.9	--	3,427	196	262,960
DISTRICT 5 TOTAL					
JUL. 29, 1983	2,812.5	2,900.0	339	7	86,684 *
JUL. 22, 1983	2,812.5	--	444	7	80,916
JUL. 15, 1983	2,812.5	--	303	--	80,203
JUL. 8, 1983	2,812.5	--	205	8	83,232
TOTAL U.S.					
JUL. 29, 1983	8,698.4	8,694.0	4,150	285	347,918 *
JUL. 22, 1983	8,698.4	--	3,903	349	345,239
JUL. 15, 1983	8,698.4	--	3,310	230	343,426
JUL. 8, 1983	8,698.4	--	3,632	204	346,192
JUL. 30, 1982	8,656.1/A	--	3,859	176	345,604

**INCLUDES 29,990 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DOE ACTUAL FOR JULY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
JUL. 29, 1983	16,213	82,914	148,622	13,485	261,234	86,684 *	347,918 *
JUL. 22, 1983	16,412	77,189	157,206	13,516	264,323	80,916	345,239
JUL. 30, 1982	16,952	73,446	155,838	14,136	260,372	85,232	345,604

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended *JULY* 29, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	11	11	--	--	--	73	134	5	--	--	223
Central Atlantic	223	94	129	--	20	147	336	6	12	78	822
Lower Atlantic	--	--	--	--	--	--	204	--	--	--	204
DISTRICT 1 TOTAL											
JUL. 29, 1983	234	105	129	--	20	220	674	11	12	78	1,249
JUL. 22, 1983	176	88	88	--	--	212	545	11	10	102	1,056
JUL. 15, 1983	234	76	158	--	43	191	715	60	120	27	1,390
JUL. 8, 1983	168	96	72	--	--	260	577	9	41	113	1,168
DISTRICTS 2–4 TOTAL											
JUL. 29, 1983	--	--	--	--	4	4	19	159	102	12	300
JUL. 22, 1983	17	8	9	--	4	18	41	95	234	65	474
JUL. 15, 1983	17	14	3	--	--	11	24	68	223	51	394
JUL. 8, 1983	8	5	3	--	4	4	39	67	123	49	294
DISTRICT 5 TOTAL											
JUL. 29, 1983	44	37	7	--	1	5	16	16	3	5	90
JUL. 22, 1983	35	27	8	--	--	5	17	19	--	5	81
JUL. 15, 1983	36	29	7	--	--	5	17	16	--	10	84
JUL. 8, 1983	32	25	7	--	--	5	18	15	--	--	70
TOTAL U.S.	278	142	136	--	25	229	709	186	117	95	1,639
TOTAL U.S. Weeks Ended:											
JUL. 22, 1983	228	123	105	--	4	235	603	125	244	172	1,611
JUL. 15, 1983	287	119	168	--	43	207	756	144	343	88	1,868
JUL. 8, 1983	208	126	82	--	4	269	634	91	164	162	1,532
JUL. 30, 1982	179	*N/A*	63	4	20	102	687	210	202	49	1,461

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

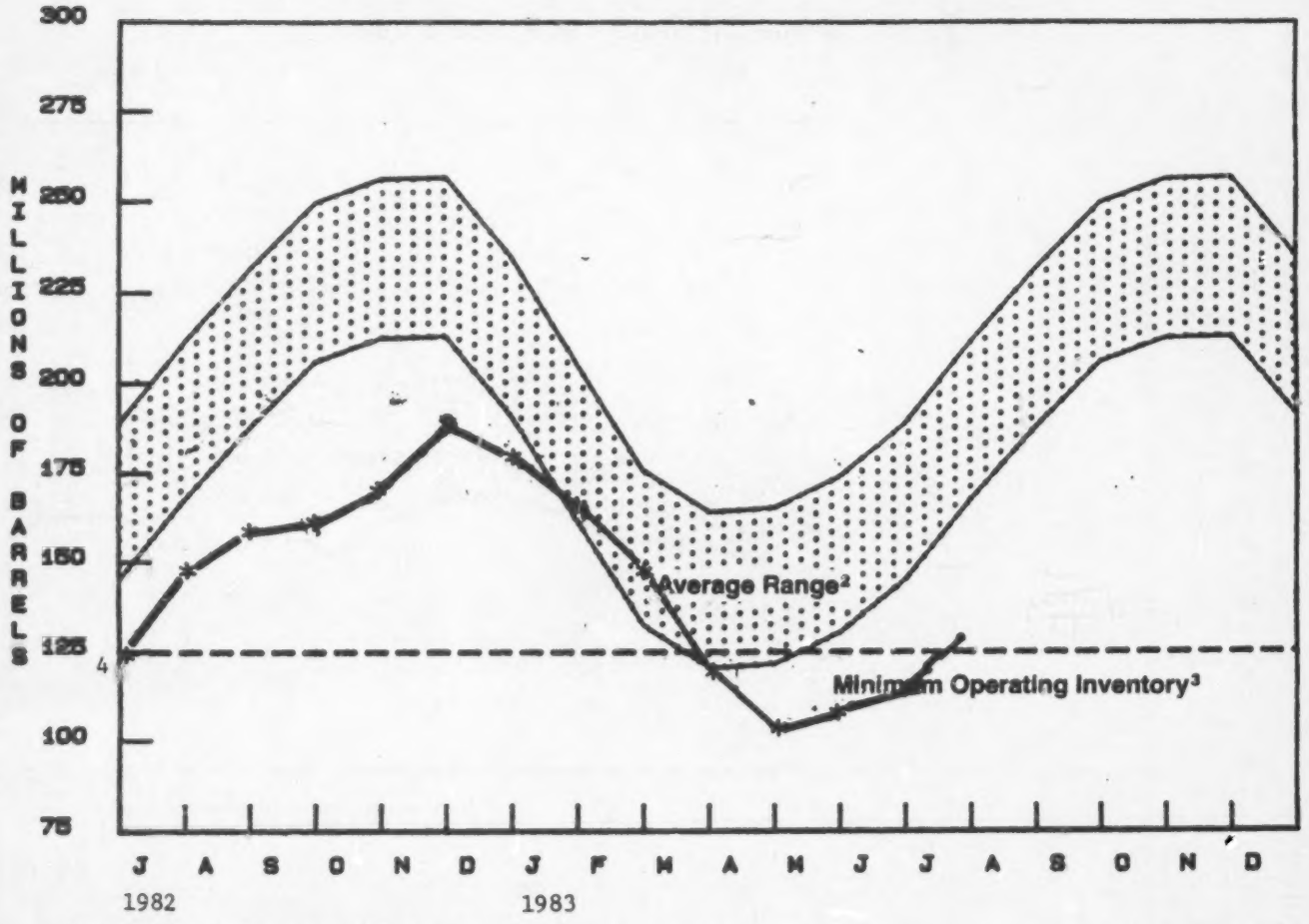
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

7/22/83	PAGE 1	TOTAL REFINERY INPUT	IND., ILL., KY.	1,957
			DISTRICT 2 TOTAL	2,971
			TOTAL U.S.	13,219
			DISTRICTS 1-4	10,848
	PAGE 2	DISTILLATE FUEL	TEXAS GULF COAST	590
			DISTRICT 3 TOTAL	1,125
			TOTAL U.S.	2,498
			DISTRICTS 1-4	2,086
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	62,445
			TOTAL U.S.	223,193
			DISTRICTS 1-4	195,204
		BLENDING COMPS	DISTRICT 3 TOTAL	17,073
			TOTAL U.S.	38,350
			DISTRICTS 1-4	30,515
		DISTILLATE FUEL	CENTRAL ATLANTIC	26,095
			DISTRICT 1 TOTAL	46,836
			TOTAL U.S.	124,896
			DISTRICTS 1-4	113,458
		RESIDUAL FUEL	CENTRAL ATLANTIC	19,448
			DISTRICT 1 TOTAL	24,889
			TOTAL U.S.	49,262
			DISTRICTS 1-4	41,051

Week Ended July 29, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

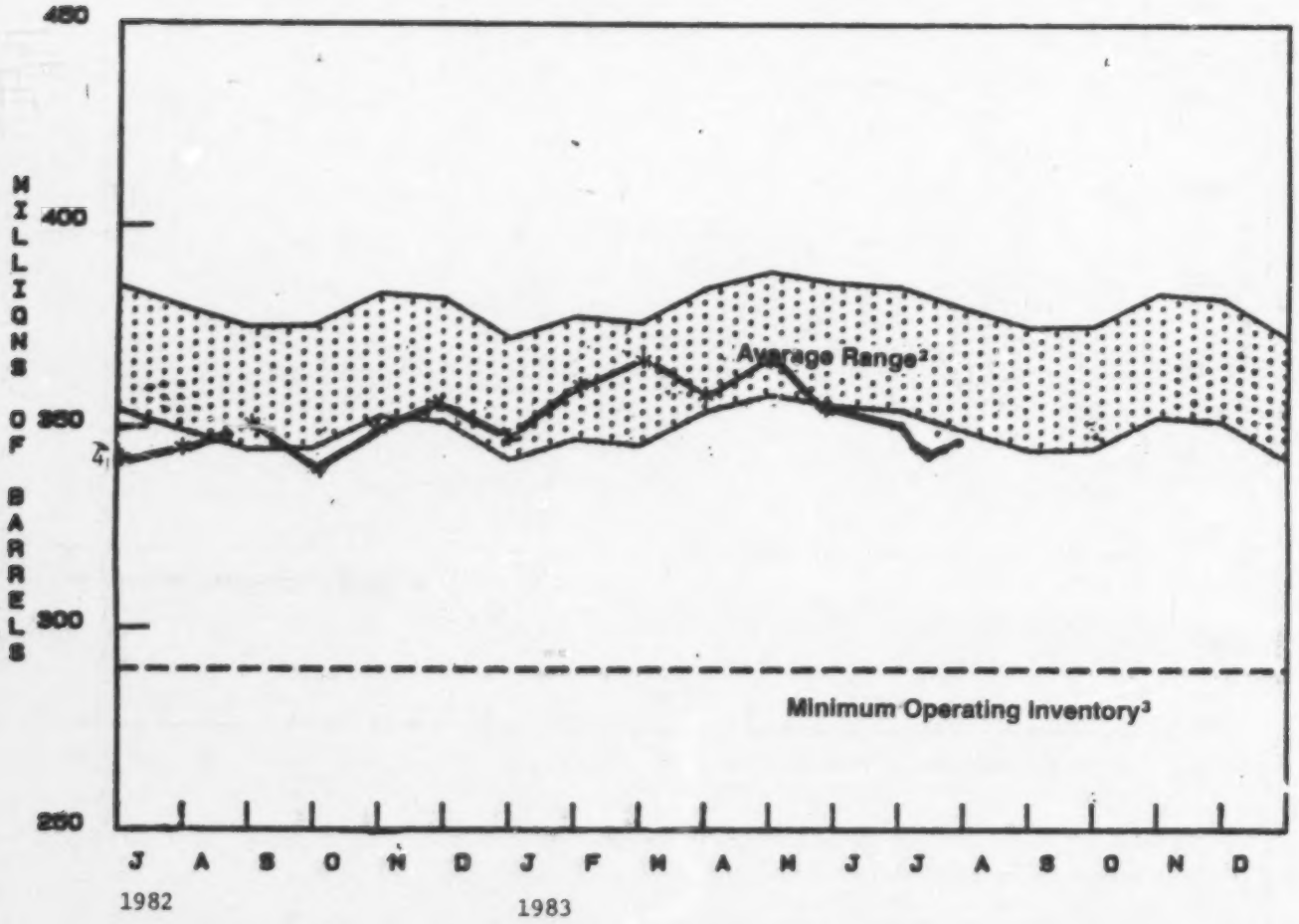
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended July 29, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

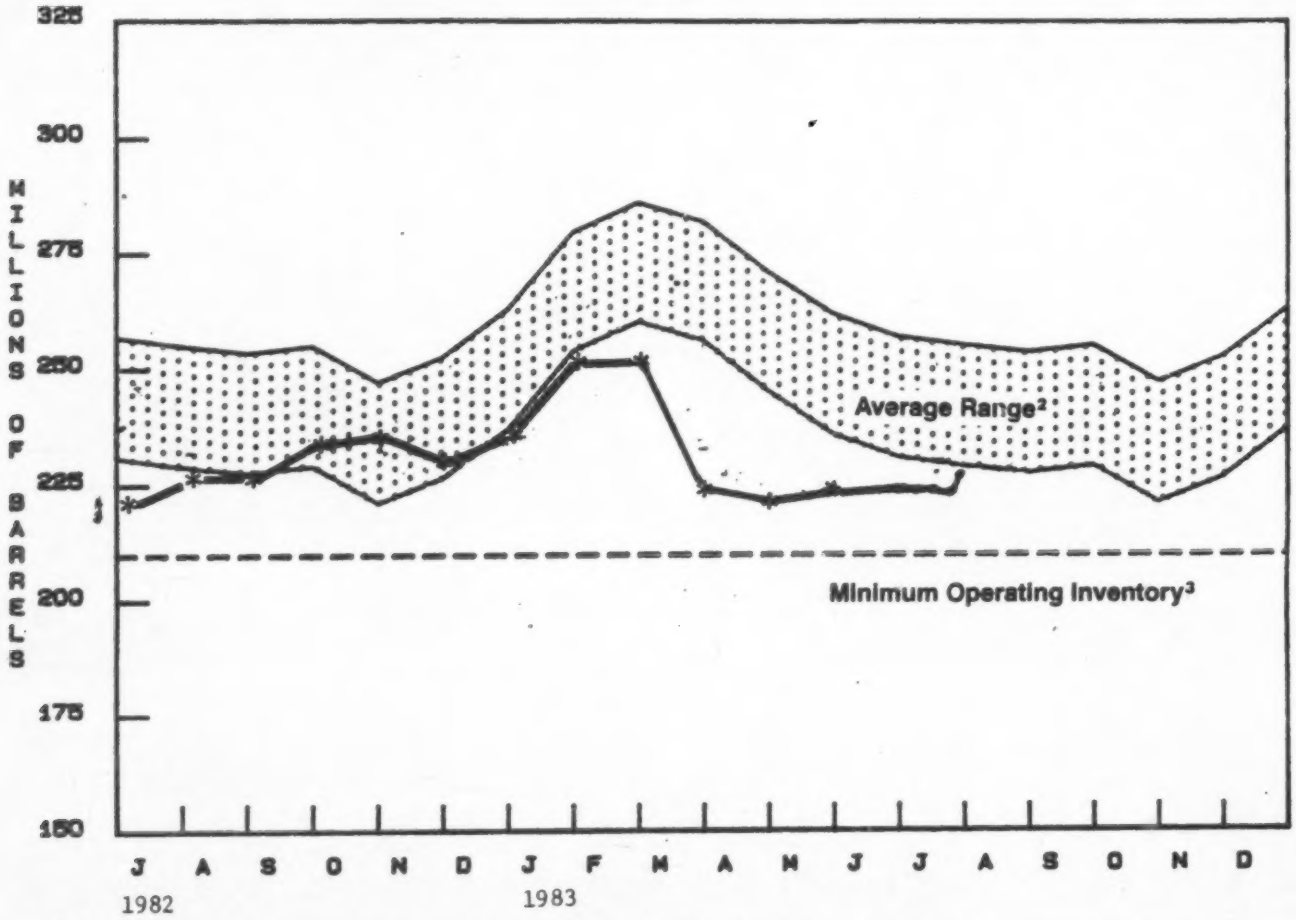
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended July 29, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.